

In the Claims:

1-18. (Cancelled)

19. (New) A wireless Local Area Network system comprising:

a wireless communication server; and

one or more access points operably connected to the wireless communication

server, the access points adapted to wirelessly transmit and receive data to and from remote units using a radio frequency communications such that the remote units form part of a wireless Local Area Network, wherein the wireless communication server maintaining centralized filtering and forwarding of data to be transmitted to the remote units;

wherein the wireless communication server, includes at least one destination table relating remote units to access points with which said remote units are associated.

20. (New) The wireless Local Area Network system of Claim 19 wherein the wireless communication server is connected through conventional network elements to the access points.

21. (New) The wireless Local Area Network system of Claim 19 wherein the wireless communication server and the one or multiple access points are connected to an existing wired network.

22. (New) The wireless Local Area Network system of Claim 21 wherein the existing wired network is an Ethernet network that adheres to other IEEE 802 standards.

23. (New) The wireless Local Area Network system of Claim 19 wherein the wireless communications server is connected to the one or multiple access points through a direct cable connection.

24. (New) The wireless Local Area Network system of Claim 19 further comprising at least one additional wireless communication server.

25. (New) The wireless Local Area Network system of Claim 24, wherein said at least one additional wireless communication server provides services for additional access points.

26. (New) The wireless Local Area Network system of Claim 19, wherein the access points transmit the radio frequency wireless signals using an unlicensed frequency band.

27. (New) The wireless Local Area Network system of Claim 19, wherein the system provides automatic association of the access points and the wireless communication server.

28. (New) The wireless Local Area Network system of Claim 19, wherein the wireless communication server filters network data based on a remote unit identification.